

FIG.1A

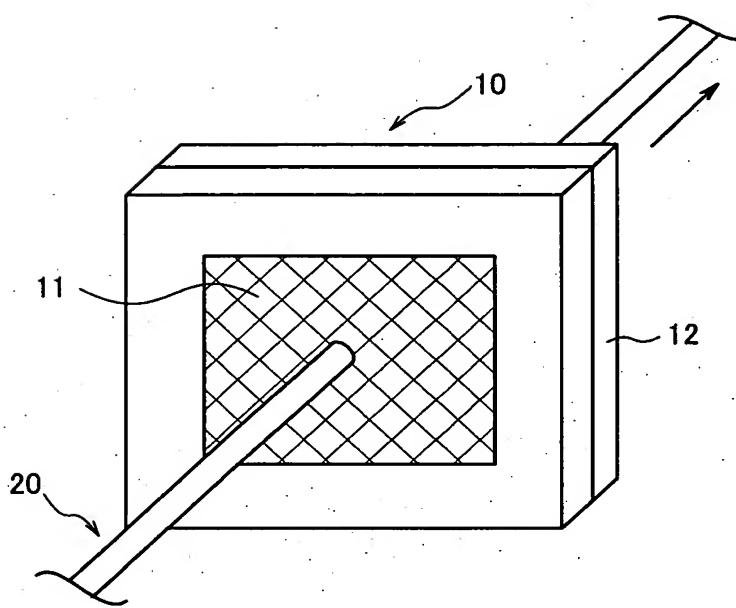


FIG.1B

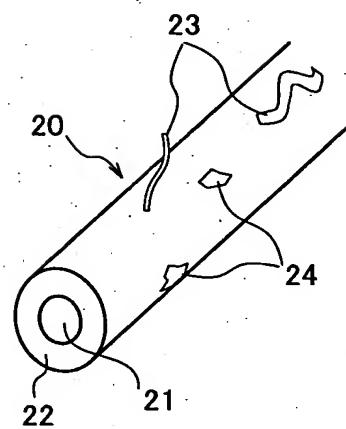


FIG.1C

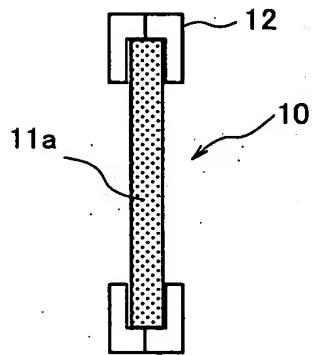


FIG.1D

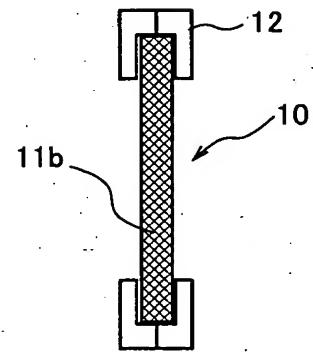


FIG.2

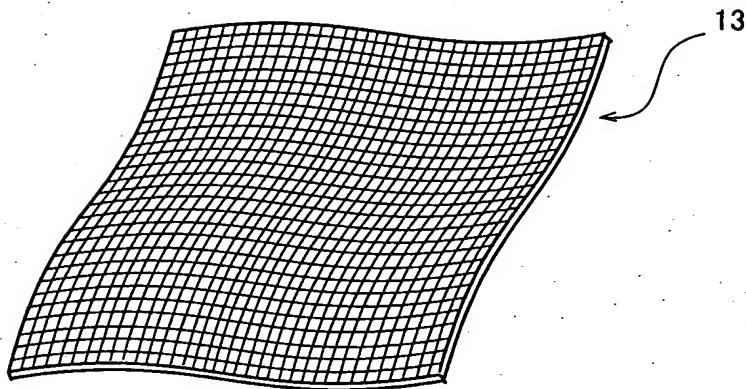


FIG.3

SAMPLE No.	CLEANING MEMBER	ERRORNEOUS DETECTIONS OF UNEVEN SPOTS (TIMES/5km)	ERRORNEOUS DETECTIONS OF UNEVEN SPOTS (TIMES/km)
1	SINGLE-LAYERED SPONGE	17	3.4
2	FOUR-LAYERED SPONGE	13	2.6
3	FOUR-LAYERED STOCKING	10	2.0
4	EIGHT-LAYERED STOCKING	0	0.0
5	NONE	27	5.4

FIG.4A

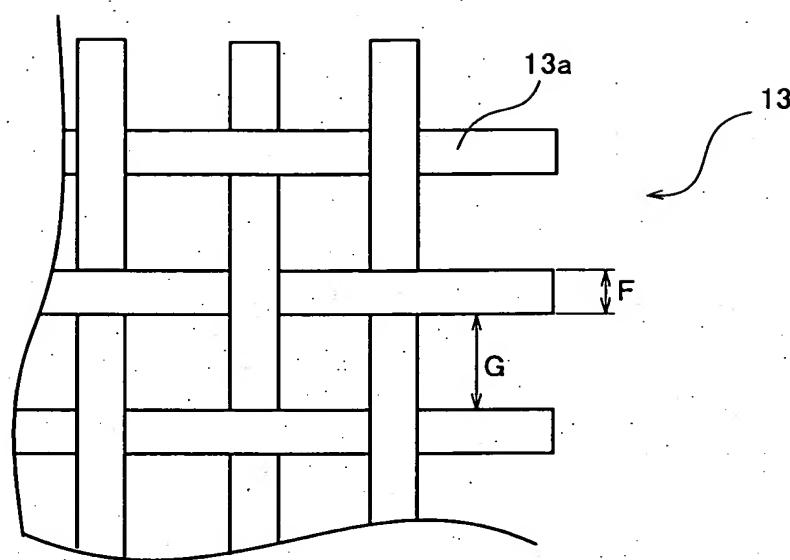


FIG.4B

OUTER DIAMETER OF OPTICAL FIBER  $D=0.245(\text{mm})$ 

$F(\text{mm})$ $G(\text{mm})$	0.007	0.04	0.12
0.07	×	○	○
0.18	×	○	○
0.25	×	×	×

○: NO SEPARATION OF COLOR LAYER    ×: SEPARATION OF COLOR LAYER

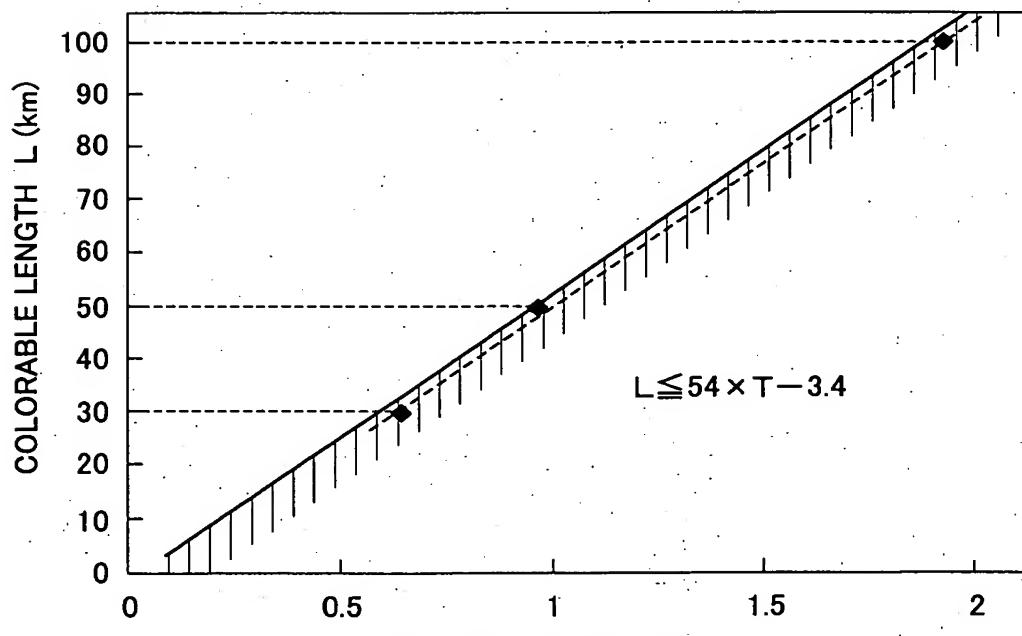
FIG.5A

OUTER DIAMETER OF OPTICAL FIBER  
 $D=0.245\text{mm}$

MESH SIZE  
 $G=0.18\text{mm}$

COLORABLE LENGTH $L$ (km)	THREAD DIAMETER $F=0.04\text{mm}$ (NUMBER OF LAMINATED SHEETS)	THREAD DIAMETER $F=0.12\text{mm}$ (NUMBER OF LAMINATED SHEETS)
30	16	5
50	24	8
100	48	16

FIG.5B



( $T = F \times \text{NUMBER OF LAMINATED SHEETS}$ )

**FIG.6**

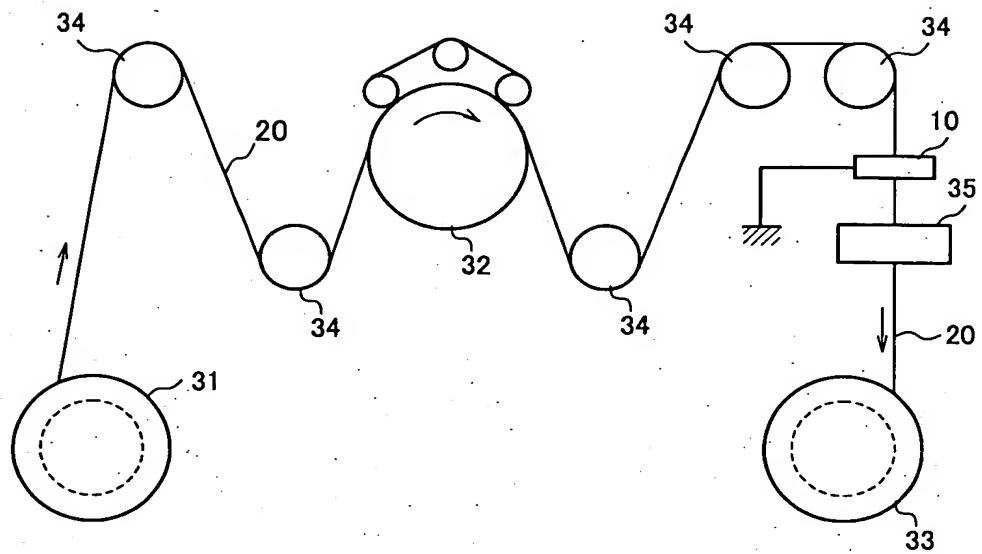


FIG. 7

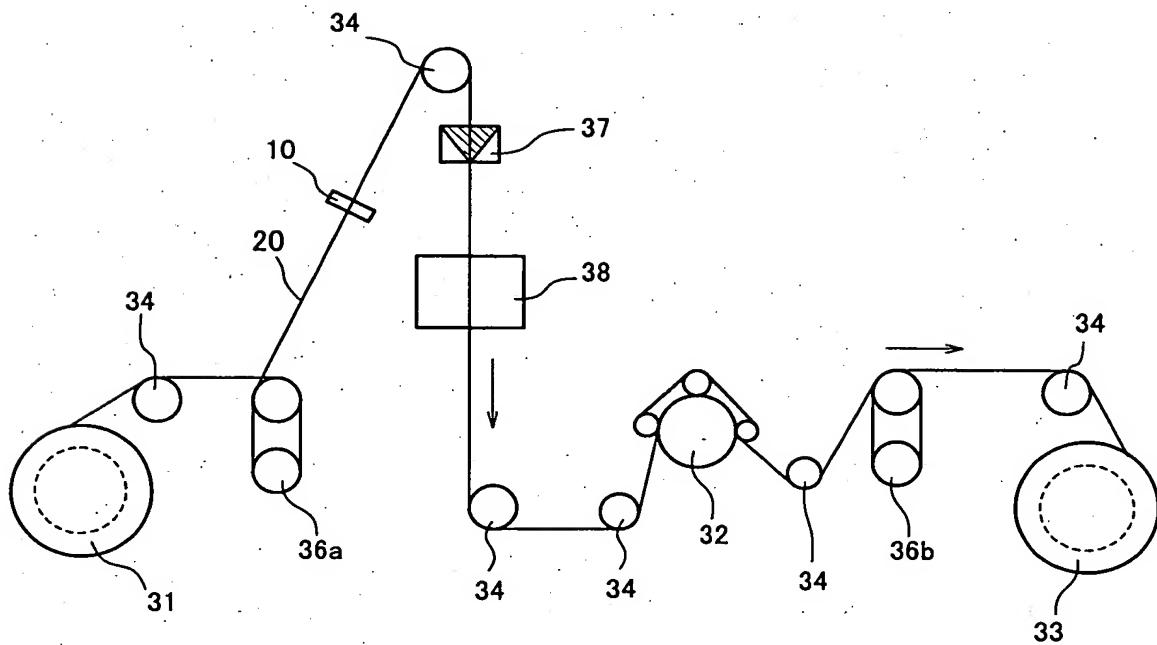


FIG.8A

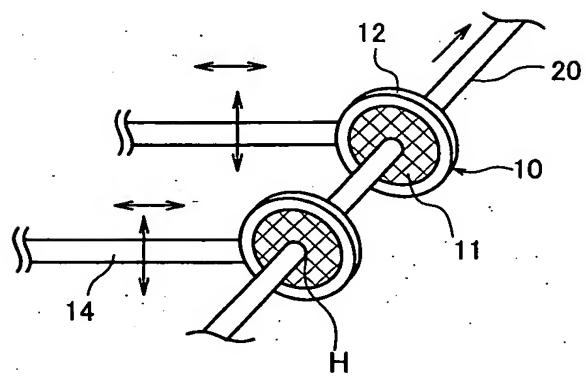


FIG.8B

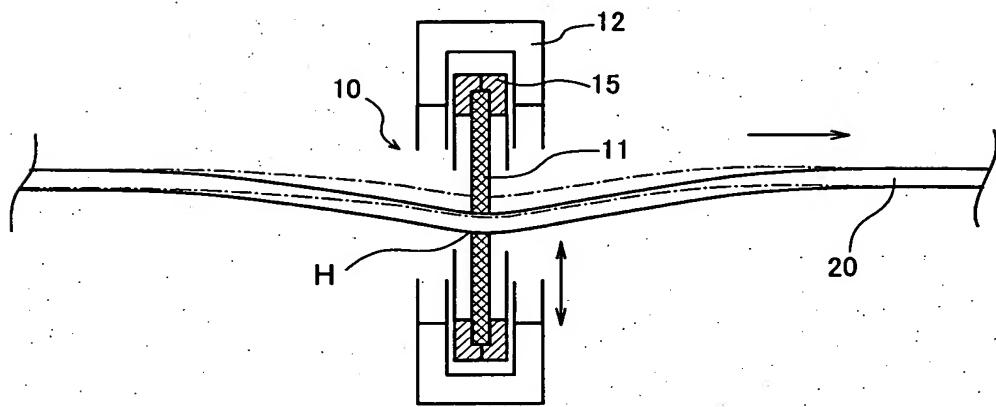


FIG.8C

